

# SAFETY DATA SHEET

Date Prepared : 05/18/2018

SDS No : PROP-0824

## Charge-It Battery Additive

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** CHARGE-IT PART # CH-77, CH-77QHD  
**GENERAL USE:** Restore, improve and prolong the life and performance of batteries. **PRODUCT DESCRIPTION:** Heavy Duty Battery Additive  
**PRODUCT CODE:** CH-77QHD, CH-77  
**CHEMICAL FAMILY:** Proprietary

#### DISTRIBUTOR

SOLDER-IT, INC.  
404 Irvington St.

Pleasantville, NY 10570

**Customer Service:** 914-747-1092

#### 24 HR. EMERGENCY TELEPHONE NUMBERS:

**CHEM-TEL 800-255-3924**

### 2. HAZARDS IDENTIFICATION

#### GHS CLASSIFICATIONS

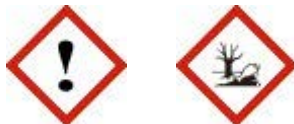
##### Health:

Eye Irritation, Category 2A

Skin Irritation, Category 2 **Environmental:**

Chronic Hazards to the Aquatic Environment, Category 2

#### GHS LABEL



Exclamation Environment mark

**SIGNAL WORD:** WARNING

#### HAZARD STATEMENTS

H319: Causes serious eye irritation.

H315: Causes skin irritation.

H290: May be corrosive to metals.

H411: Toxic to aquatic life with long lasting effects.

#### PRECAUTIONARY STATEMENT(S)

##### Prevention:

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P262: Do not get in eyes, on skin, or on clothing.

P264: Wash hands thoroughly after handling.

P273: Avoid release to the environment.

P102: Keep out of reach of children.

P234: Keep only in original packaging.

##### Response:

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313: If eye irritation persists: Get medical advice/attention.

P302+P352: IF ON SKIN: Wash with plenty of soap and water

P332+P313: If skin irritation occurs: Get medical advice/attention.

P362: Take off contaminated clothing.  
P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.  
P330: Rinse mouth.  
P390: Absorb spillage to prevent material damage. P391:  
Collect spillage.

**Storage:**

P404: Store in a closed container.  
P406: Store in a corrosion resistant plastic container or a metal container with a resistant inner liner.

**Disposal:**

P501: Dispose of contents/container according to all local, state and Federal regulations.

**EMERGENCY OVERVIEW**

**PHYSICAL APPEARANCE:** Red liquid

**IMMEDIATE CONCERNS:** Eye & Skin irritant

**POTENTIAL HEALTH EFFECTS**

**EYES:** Contact causes severe eye irritation.

**SKIN:** Contact may cause moderate to severe irritation.

**SKIN ABSORPTION:** None Expected.

**INGESTION:** Harmful if swallowed.

**INHALATION:** Mist is irritating to nose, throat and lungs.

**REPRODUCTIVE TOXICITY**

**REPRODUCTIVE EFFECTS:** None known.

**TERATOGENIC EFFECTS:** None known.

**CARCINOGENICITY:** No listed substance **MUTAGENICITY:**

None known.

**MEDICAL CONDITIONS AGGRAVATED:** Previous skin conditions such as dermatitis may be aggravated.

**ROUTES OF ENTRY:** Eye, skin, ingestion.

**CANCER STATEMENT:** None

**SENSITIZATION:** None known.

**WARNING CAUTION LABELS:** Irritant

**PHYSICAL HAZARDS:** None Expected.

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

Chemical Name	Wt. %	CAS
Aluminum Sulfate	20 - 25	10043-01-3
Water	75 - 80	7732-18-5

**4. FIRST AID MEASURES**

**EYES:** Immediately flush eyes with water for at least 15 minutes, while holding eyelids open. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Seek medical attention immediately.

**SKIN:** Wash with soap and water. Get medical attention if irritation develops or persists.

**INGESTION:** Get immediate medical attention. Do not induce vomiting unless instructed to do so by poison center or physician.

**INHALATION:** Remove victim to fresh air and monitor. Seek medical advise if irritation persists.

**SIGNS AND SYMPTOMS OF OVEREXPOSURE**

**EYES:** Burning sensation with tearing, redness.

**SKIN:** Burning sensation, redness.

**SKIN ABSORPTION:** Not Established

**INGESTION:** Irritation of mouth, throat, along with stomach upset, vomiting.

**INHALATION:** Irritation of nose, throat and lungs with coughing, sneezing, possible difficulty breathing.

**ACUTE TOXICITY:** Severely irritating to eyes. Causes moderate to severe skin irritation. Harmful if swallowed.

**5. FIRE FIGHTING MEASURES**

**FLAMMABLE CLASS:** NA = Not Applicable

**GENERAL HAZARD:** NA = Not Applicable

**EXTINGUISHING MEDIA:** Not required. Water based material.

**FIRE FIGHTING PROCEDURES:** Keep fire exposed containers cool with water stream or mist.

**FIRE FIGHTING EQUIPMENT:** No special requirements.

**6. ACCIDENTAL RELEASE MEASURES**

**SMALL SPILL:** Avoid runoff into storm sewers and ditches which lead to waterways.

**LARGE SPILL:** Avoid walking in material. Prevent product from entering into stream, soil, storm sewer or other bodies of water.

**ENVIRONMENTAL PRECAUTIONS**

**WATER SPILL:** Avoid discharges into open waterways.

**LAND SPILL:** Avoid discharge to soil.

**GENERAL PROCEDURES:** Isolate spill or leak area immediately. Keep unauthorized personnel away. Do not touch or walk through spilled material. Prevent entry into waterways, sewers, or confined areas. Absorb with dry earth, sand or other noncombustible material and transfer to containers.

**RELEASE NOTES:** Product is toxic to fish and aquatic invertebrates.

**SPECIAL PROTECTIVE EQUIPMENT:** Eye protection, rubber gloves, rubber boots to protect feet.

**7. HANDLING AND STORAGE**

**GENERAL PROCEDURES:** Close container after use.

**HANDLING:** Wear eye protection, rubber gloves when handling concentrate.

**STORAGE:** Store in area inaccessible to children.

**STORAGE TEMPERATURE:** Store at ambient temperatures.

**STORAGE PRESSURE:** Store at ambient atmospheric pressure.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**EXPOSURE GUIDELINES**

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)			
		EXPOSURE LIMITS	
		Supplier OEL	
Chemical Name		ppm	mg/m <sup>3</sup>
Aluminum Sulfate	STEL	2	

**ENGINEERING CONTROLS:** Use in well ventilated area.

**PERSONAL PROTECTIVE EQUIPMENT**

**EYES AND FACE:** Chemical splash goggles.

**SKIN:** Rubber or other chemical resistant gloves.

**RESPIRATORY:** A respirator is not needed under normal and intended conditions of product use.

**PROTECTIVE CLOTHING:** Chemical resistant outerwear (tyvek) if contact with spray or mist is anticipated.

**WORK HYGIENIC PRACTICES:** Wash with soap and water after handling. Do not eat, drink or smoke while using product.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Liquid

**ODOR:** Characteristic.

**COLOR:** Red **pH:** 1.0

to 2.5

**PERCENT VOLATILE:** >80

**FLASH POINT AND METHOD:** None

**FLAMMABLE LIMITS:** N/A

**AUTOIGNITION TEMPERATURE:** NA = Not Applicable **VAPOR**

**PRESSURE:** ≤ 20 mm Hg at 20°C (68°F)

**VAPOR DENSITY:** ≤ 1 Air = 1

**BOILING POINT:** 212° F; 100° C

**FREEZING POINT:** 32° F; 0° C

**MELTING POINT:** Not Available

**SOLUBILITY IN WATER:** Complete

**EVAPORATION RATE:** (Water =1) 1.0

**DENSITY:** 8.99 at 20°C (68°F)

**SPECIFIC GRAVITY:** 1.077 grams/ml. at 20°C (68°F) **VISCOSITY:**

Water thin.

**(VOC):** None

## 10. STABILITY AND REACTIVITY

**REACTIVITY:** Reacts with certain metals

**HAZARDOUS POLYMERIZATION:** No

**STABILITY:** Stable under normal storage and use conditions.

**CONDITIONS TO AVOID:** Not Established

**POSSIBILITY OF HAZARDOUS REACTIONS:** None Expected.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Not yet Determined

**INCOMPATIBLE MATERIALS:** Strong alkalis, reducing agents, chlorine bleach products;metals e.g. aluminum, brass, copper, iron.

## 11. TOXICOLOGICAL INFORMATION

### ACUTE

**EYES:** Not Established

**DERMAL LD<sub>50</sub>:** Not Established

**SKIN ABSORPTION:** None Expected.

**ORAL LD<sub>50</sub>:** Not Established

**INHALATION LC<sub>50</sub>:** Not Established

**EYE EFFECTS:** Moderate to severe eye irritant.

**SKIN EFFECTS:** Moderate skin irritant.

### CARCINOGENICITY

**IARC:** No listed substance

**IRRITATION:** Irritant

**SENSITIZATION:** No known significant effects or critical hazards.

**NEUROTOXICITY:** No known significant effects or critical hazards.

**GENETIC EFFECTS:** No known significant effects or critical hazards.

**REPRODUCTIVE EFFECTS:** No known significant effects or critical hazards.

**TARGET ORGANS:** No known significant effects or critical hazards.

**MUTAGENICITY:** No known significant effects or critical hazards.

## 12. ECOLOGICAL INFORMATION

**ENVIRONMENTAL DATA:** Not Established

**ECOTOXICOLOGICAL INFORMATION:** This product is toxic to fish and aquatic invertebrates.

**BIOACCUMULATION/ACCUMULATION:** Not Established

**AQUATIC TOXICITY (ACUTE):** Not Established

**CHEMICAL FATE INFORMATION:** Not Established

## 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Any method in accordance with local, state and federal laws. Best method is to recycle or reuse for intended purpose. If discarded, this material and its containers should be treated as hazardous waste based on the characteristics of corrosivity as defined under federal RCRA regulations (40 CFR 261). Consult local authorities for disposal into public sewer.

**FOR LARGE SPILLS:** Consult with local and state authorities for large volume disposal.

**PRODUCT DISPOSAL:** See above.

**EMPTY CONTAINER:** Rinse container with clear water. Offer container for recycling, or dispose of in trash.

**RCRA/EPA WASTE INFORMATION:** NA = Not Applicable

## 14. TRANSPORT INFORMATION

### DOT (DEPARTMENT OF TRANSPORTATION)

**PROPER SHIPPING NAME:** Corrosive liquid, acidic, inorganic, n.o.s.

**TECHNICAL NAME:** Contains Aluminum Sulfate **PRIMARY**

**HAZARD CLASS/DIVISION:** 8

**UN/NA NUMBER:** 3264

**PACKING GROUP:** III

**NAERG:** 2X

**PLACARDS:** Corrosive

**LABEL:** Corrosive

**OTHER SHIPPING INFORMATION:** Certain shipping modes and packaging sizes may have exceptions from the transport regulations. The classifications/information provided above may not reflect applicable exceptions. Contact the manufacturer for more specific information on the proper shipping of this material.

**SPECIAL SHIPPING NOTES:** Quantities less than or equal to one (1) gallon = Limited Quantity not regulated.

### AIR (ICAO/IATA)

**SHIPPING NAME:** Corrosive liquid, acidic, inorganic, n.o.s. **TECHNICAL**

**NAME:** Contains Aluminum Sulfate

**UN/NA NUMBER:** 3264

**PRIMARY HAZARD CLASS/DIVISION:** 8

**PACKING GROUP:** III

### VESSEL (IMO/IMDG)

**SHIPPING NAME:** Corrosive liquid, acidic, inorganic, n.o.s.

**TECHNICAL NAME:** Contains Aluminum Sulfate

**UN/NA NUMBER:** 3264

**PRIMARY HAZARD CLASS/DIVISION:** 8

**PACKING GROUP:** III

**LIMITED QUANTITY:** Applies **EmS:**

F-A, S-B

**15. REGULATORY INFORMATION**

**UNITED STATES**

**DOT LABEL SYMBOL AND HAZARD CLASSIFICATION**



Limited  
Quantity  
Ground



Corrosive

**SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)**

**311/312 HAZARD CATEGORIES:** Health - Acute

**FIRE:** No **PRESSURE GENERATING:** No **REACTIVITY:** No **ACUTE:** Yes **CHRONIC:** No

**313 REPORTABLE INGREDIENTS:** None **302/304**

**EMERGENCY PLANNING**

**EMERGENCY PLAN:** NA = Not Applicable

**CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)**

**CERCLA REGULATORY:** Aluminum Sulfate CAS#: 10043-01-3

Chemical Name	Wt.%	CERCLA RQ
Aluminum Sulfate	20 - 25	5,000

**CERCLA RQ:** 5000 lbs.

**TSCA (TOXIC SUBSTANCE CONTROL ACT)**

Chemical Name	CAS
Aluminum Sulfate	10043-01-3

**TSCA REGULATORY:** All ingredients are listed on the TSCA Chemical Inventory.

**CALIFORNIA PROPOSITION 65:** None **CARCINOGEN:**

No listed substance

**16. OTHER INFORMATION**

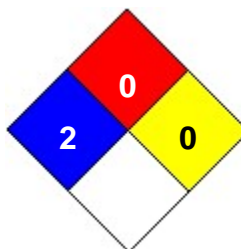
**PREPARED BY:** Regulatory Affairs Department

**Date Prepared:** 05/18/2018

**HMIS RATING**

<b>HEALTH</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2
<b>FLAMMABILITY</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	0
<b>PHYSICAL HAZARD</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	0
<b>PERSONAL PROTECTION</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	B

**NFPA CODES**



**MANUFACTURER DISCLAIMER:** This company cannot anticipate all conditions of handling and use of this product. Therefore, this company accepts no responsibility for results obtained by the application of this information, or the safety and suitability of the product either alone or in combination with other products. It is the responsibility of the employer and/or user to provide a safe workplace, using health and safety information contained herein as a guide. This company will accept no liability for damages or losses incurred from the improper handling and use of this product.